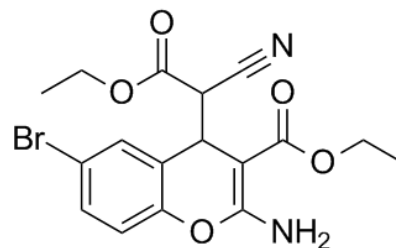


**Product Name** : HA14-1  
**Cat. No.** : PC-42826  
**CAS No.** : 65673-63-4  
**Molecular Formula** : C<sub>17</sub>H<sub>17</sub>BrN<sub>2</sub>O<sub>5</sub>  
**Molecular Weight** : 409.2313  
**Target** : Bcl-2  
**Solubility** : 10 mM in DMSO



### Biological Activity

HA14-1 is a small molecule, nonpeptidic Bcl-2 antagonist that binds Bcl-2 surface pocket with binding IC<sub>50</sub> of 9 μM, induces apoptosis of tumor cells; effectively induces apoptosis of HL-60 cells overexpressing Bcl-2 protein associated with the decrease in mitochondrial membrane potential and activation of caspase-9 followed by caspase-3; strongly induces the death of NIH 3T3 (Apaf-1(+/+)) cells.

### References

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Milella M, et al. Blood. 2002 May 1;99(9):3461-4.

Chen J, et al. Mol Cancer Ther. 2002 Oct;1(12):961-7.

Lickliter JD, et al. Leukemia. 2003 Nov;17(11):2074-80.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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